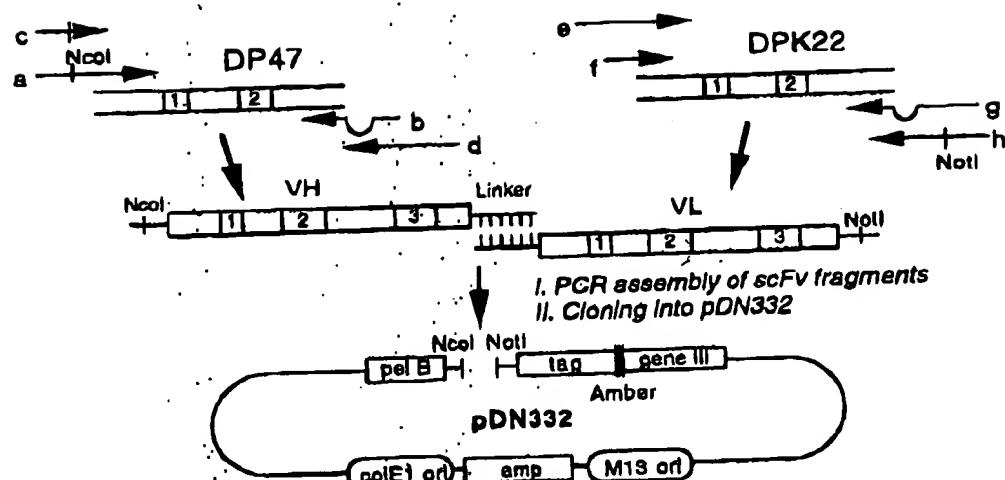


A)



B)



a	VH primers:	GCG GCC CAG CAT GGC ATG GCC GAG GTG CAG CTG TTG GAG TCT GGG
b	DP47baNco	GGT TCC CTG GCC CCA GTA GTC AAA MNM MNM MNM TTT CGC ACA GTA
c	CDR3for	ATA TAC G
d	VHpullth	GCG GCC CAG CAT GGC ATG GCC GAG
	Jassm	CCC GCT ACC GCG ACT GGA CCC ATC GCC ACT CGA GAC GGT GAC CAG GGT
		TCC CTG GGC CCA GTA GTC
e	VL primers:	GAT GGG TCC AGT GGC GGT AGC GGG GGC GCG TCG ACT GGC GAA ATT GTG
f	DPK22assm	TTG ACG CAG TCT CC
g	DPK3for	CAC CTT GGT CGC TTC GGC GAA CGT MNM CGG MNM MNM ACC MNM CTG CTG
h	Jfornot	ACA GTA ATA CAC TAC
		GAG TCA TTC TCG ACT TAC GGC CGC TTT GAT TTC CAC CTT GGT CCC TTG GGC
		GAA CG
		GAT GGG TCC AGT GGC GGT AGC GGG

Figure 1

Scanning "Scanning

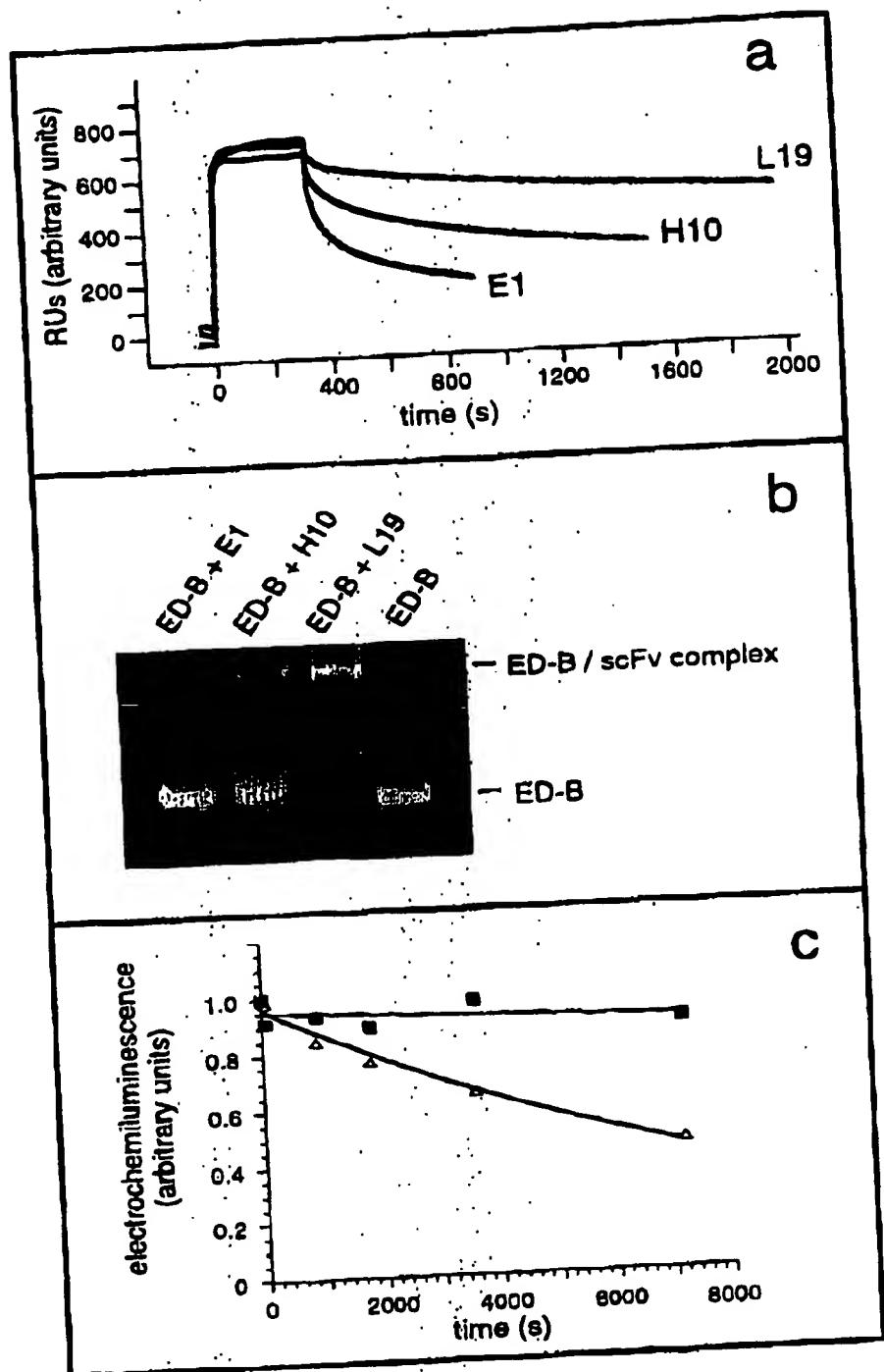
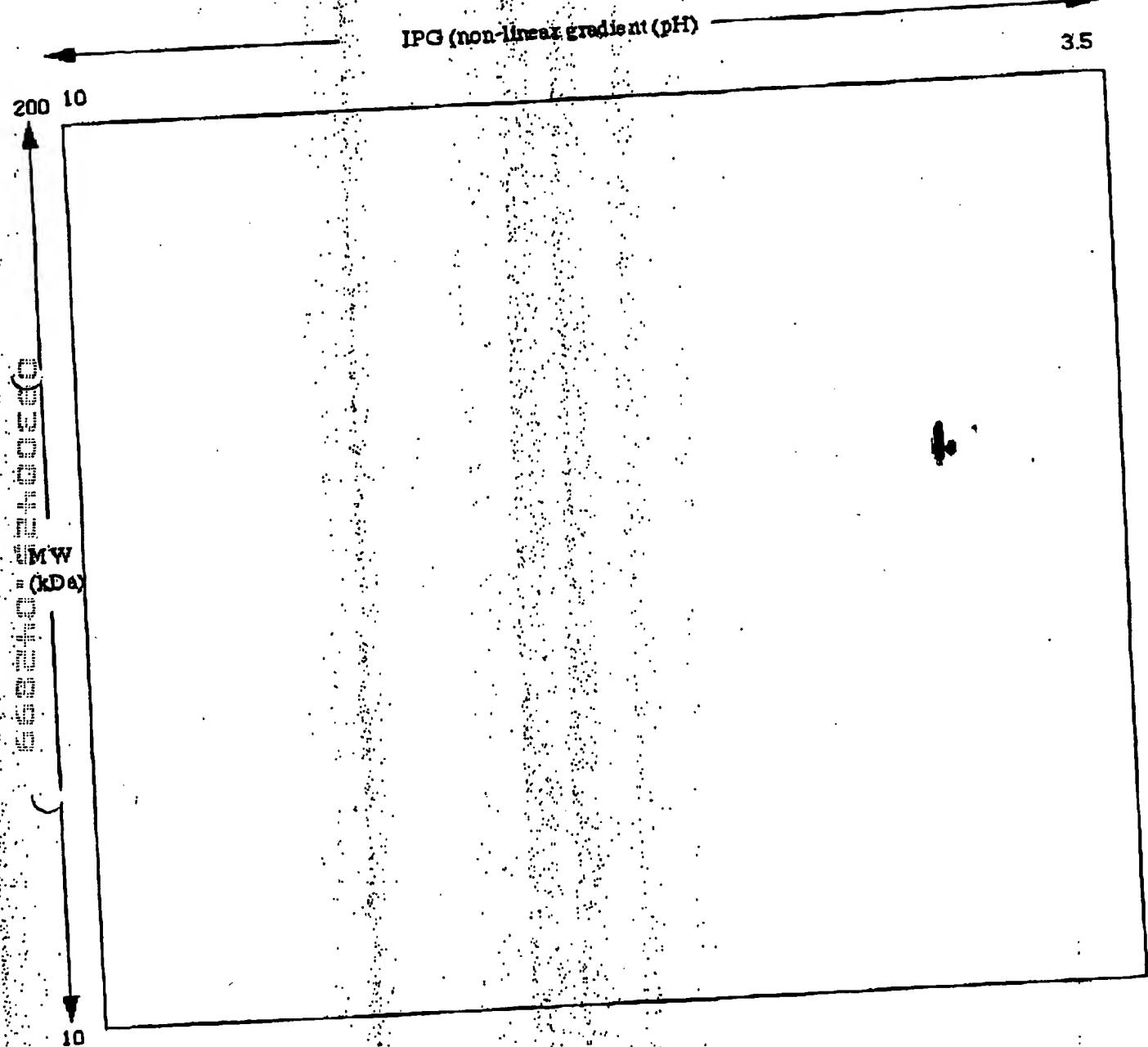


Figure 4



Figure 2A

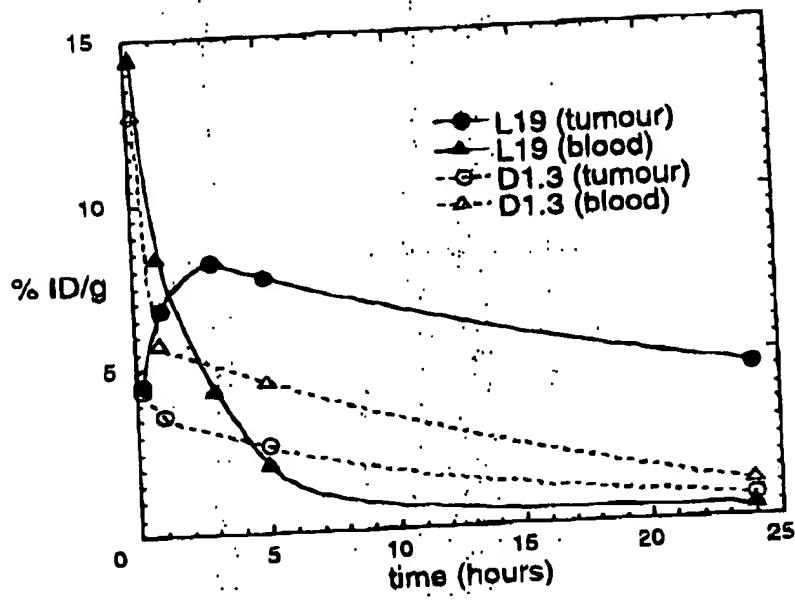


— Figure 2B —

69300146-51299



Figure 3



time (h)	scFv (L19)						scFv (D1.3)		
	Kidney	Spleen	Lung	Liver	Brain	Blood	Tumor	Blood	
0.25	26.4 ± 4.7	5.4 ± 0.4	15.1 ± 0.1	6.7 ± 0.8	0.4 ± 0.04	14.4 ± 2.6	4.6 ± 1.0	12.7 ± 0.1	4.4 ± 0.4
1	16.2 ± 3.0	3.8 ± 0.3	9.8 ± 0.9	2.8 ± 0.3	0.3 ± 0.1	6.3 ± 0.9	3.9 ± 2.4	6.7 ± 0.7	3.8 ± 1.0
3	8.1 ± 1.6	2.0 ± 0.3	6.0 ± 1.4	1.7 ± 0.02	0.2 ± 0.01	4.8 ± 0.5	8.2 ± 4.2	—	—
5	4.2 ± 1.1	1.8 ± 0.2	3.5 ± 0.2	1.3 ± 0.3	0.1 ± 0.02	2.0 ± 1.8	7.7 ± 2.6	4.6 ± 1.2	2.6 ± 1.6
24	0.7 ± 0.1	0.4 ± 0.1	1.0 ± 0.1	0.2 ± 0.04	0.02 ± 0.01	0.4 ± 0.1	4.7 ± 0.6	1.1 ± 0.5	0.7 ± 0.4

Figure 5



Figure 7

0230340-5040380



Figure 6

00000000000000000000000000000000

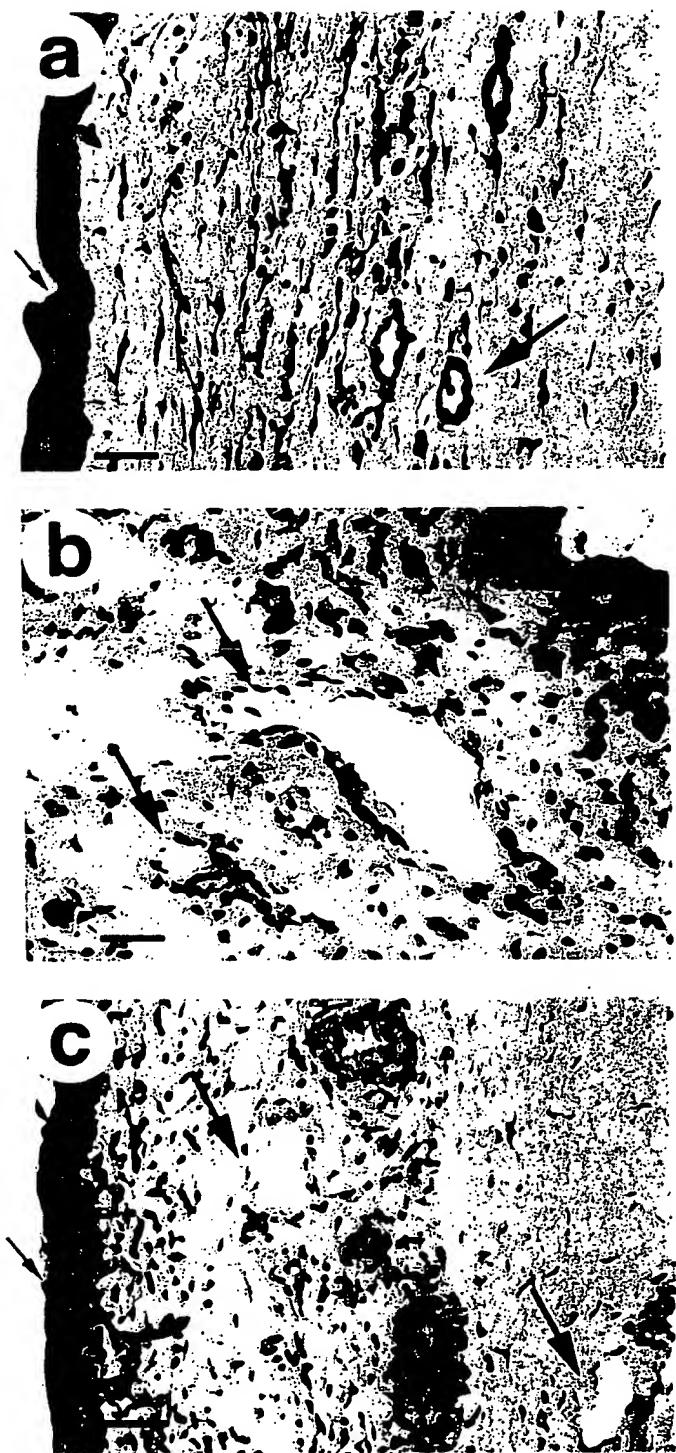


FIG. 9

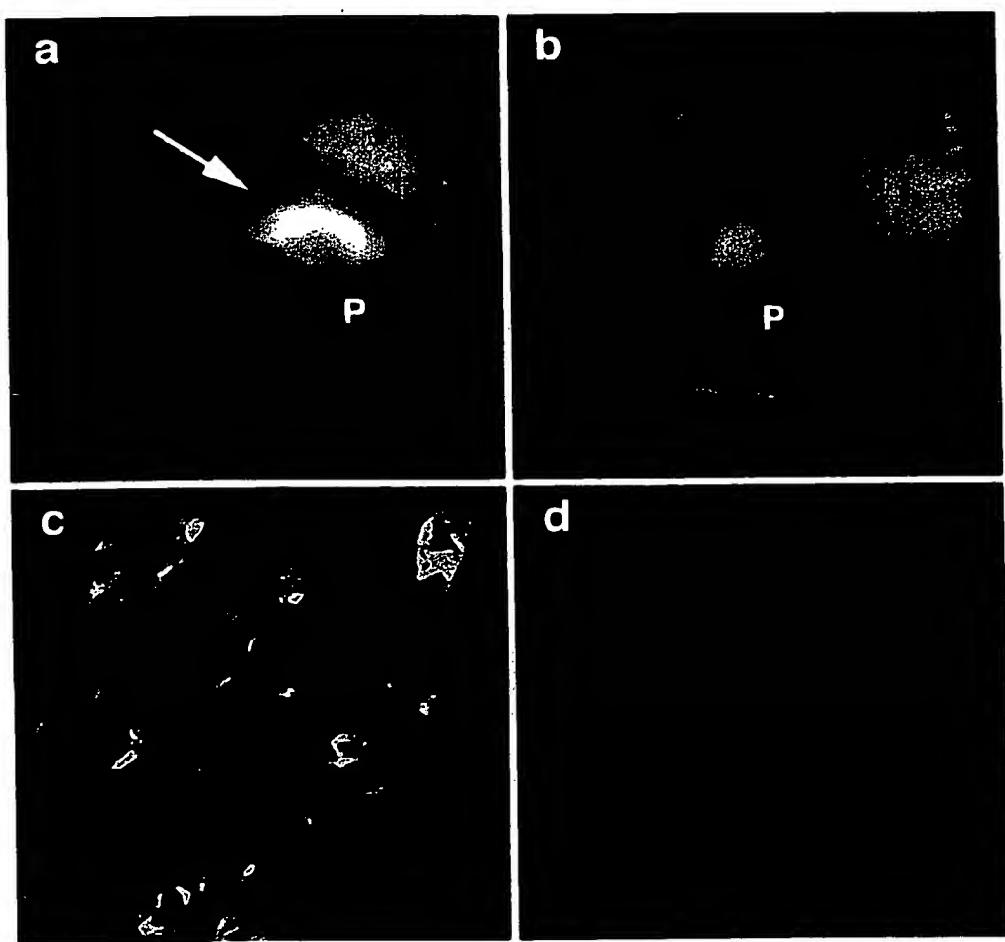


FIG. 10

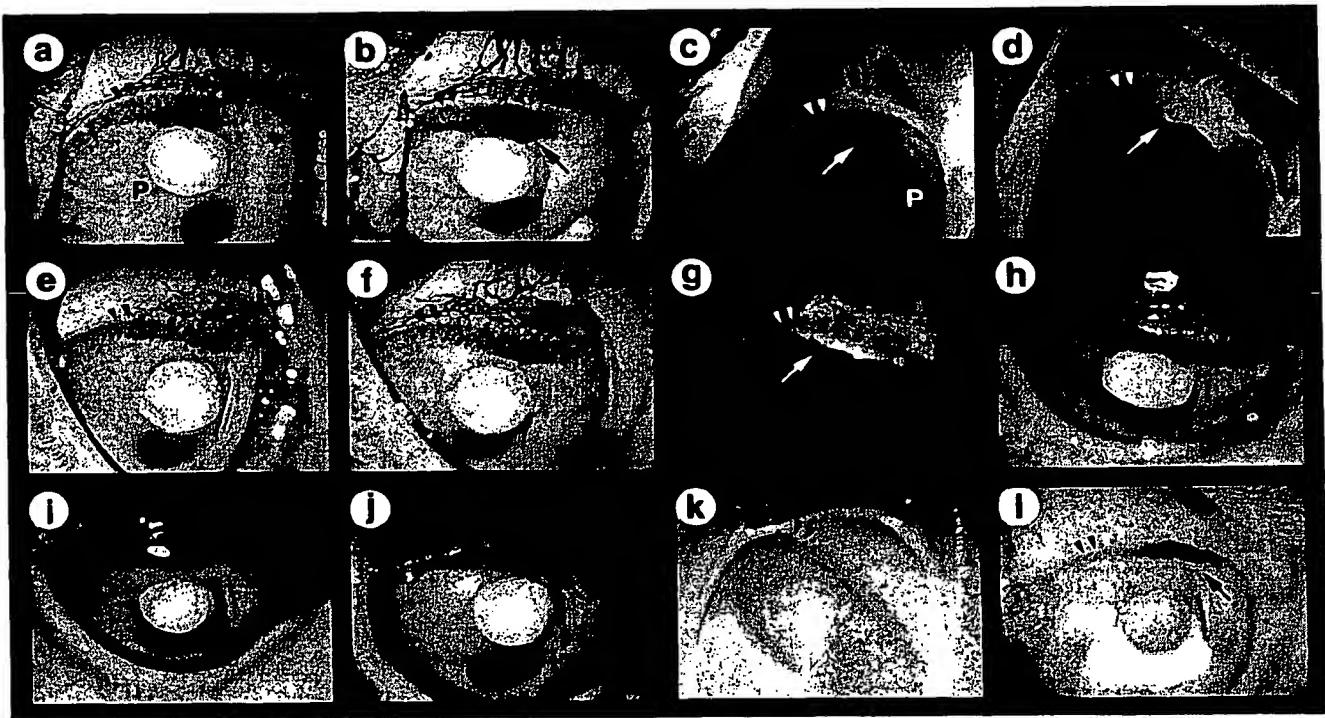


FIG. 11

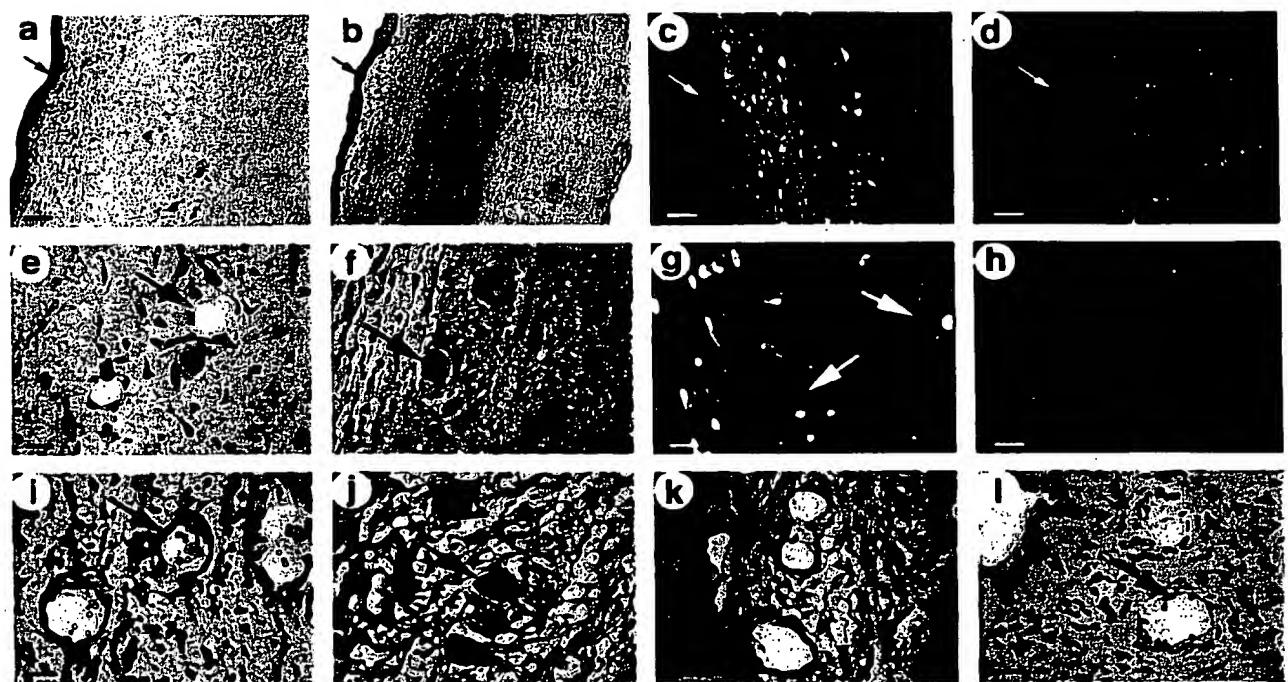


FIG. 12